GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:3260
ANSWERED ON:23.03.2005
TECHNOLOGY FOR SETTING UP OF TELEPHONE FACILITIES
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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the Government has identified the technology for setting up of telephone facilities in the rural areas keeping in view the geographical and social conditions of the country;

(b) if so, the details thereof; and

(c) the details of various kinds of technologies utilised for setting up of telephone facilities in the rural areas of the country so far?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD)

(a) Yes, Sir.

(b) & (c): BSNL has identified and utilised following technologies for providing telephone facilities in the rural areas keeping in view the geographical and social conditions of the country;

(i) Wireless in Local Loop (WLL): This is a fully wireless technology for the access network in the rural areas. This system consists of one Base Station Controller with multiple Base Stations located in different places.

(ii) Satellite based technology : Villages in remote and isolated areas which cannot be covered by any other terrestrial media are being provided with telephone facility using Digital Satellite Phone Terminals (DSPTs).

(iii) Underground cable/overhead lines.